S_1 : Linear 3D Ellipsoid S_3 :Planar 3D Ellipsoid S₂: Spherical 3D Ellipsoid \mathbf{SP}_3 \mathbf{SP}_2 \mathbf{SP}_1 x^3 x_3 0 x^3 $P_2^{(2)}$ $P_3^{(3)}$ -1 -2 -2 -2 -5 -5 11109 x_2 x_1 x_2 x_2 x_1

 x_1